

## Patent Abstracts of Japan

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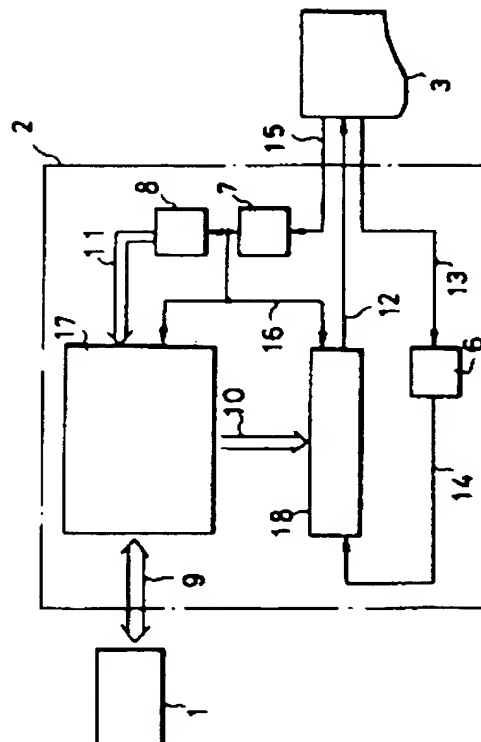
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TITLE : LABEL PRINTER SYSTEM



ABSTRACT : PURPOSE: To obtain an unexpensive label printer system by selecting an integer P close to the ratio of the line density of a general graphic printer to that of a picture image and repeatedly printing the picture image P times in the vertical and horizontal directions.

CONSTITUTION: A page of picture data having a line density of 2 lines/mm is outputted from a computer 1 and stored in a page memory 17 in an interface 2. A general graphic printer 3 usually outputting a picture at a line density of 8~12 lines/mm outputs a video data requesting signal 13 to a counter 6 at the timing of a line density of 8 lines/mm at the time of printing, the counter 6 divides the signal 13 into 1/4 frequency and outputs a shift clock 14 and a shift register 18 outputs a new data in every time when the printer 3 prints out four bits. The printer 3 outputs a line feeding signal 15 to a counter 7 in every printing of one line and the signal 15 is divided into 1/4 frequency and outputted from the counter as a line data transfer signal 16, so that the printer 3 prints out the data of one line stored in the memory 17 repeatedly 4 times.

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